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Effective on 12/08/2004.

Fees Pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

PATENT &amp; TRADEMARK OFFICE

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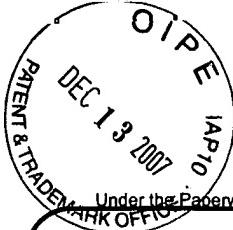
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PTO/SB/21 (09-04)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number	7,293,217
Issue Date	November 6, 2007
First Named Inventor	Pietraski et al.
Application Number	10/725,779
Filing Date	December 2, 2003
Attorney Docket Number	I-2-0526.1US

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): <b>Request for Certificate of Correction and Form PTO/SB/44</b>
Remarks		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	VOLPE AND KOENIG, P.C.	
Signature		
Printed name	Robert D. Leonard	
Date	12/11/07	Reg. No. 57,204

### CERTIFICATE OF TRANSMISSION/MAILING

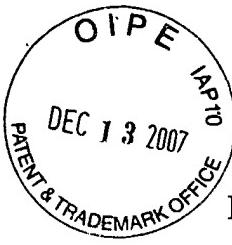
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature	
Typed or printed name	Robert D. Leonard
Date	12/11/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the PATENT of:

Pietraski et al.

**Patent No.:** 7,293,217

**Issued:** November 6, 2007

**Appln. No.:** 10/725,779

**Filed:** December 2, 2003

Our File: I-2-0526.1US

Date: December 11, 2007

For: DETECTION, AVOIDANCE AND/OR  
CORRECTION OF PROBLEMATIC  
PUNCTURING PATTERNS IN PARITY BIT  
STREAMS USED WHEN IMPLEMENTING  
TURBO CODE

**REQUEST FOR CERTIFICATE OF CORRECTION**

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§ 1.322, 1.323 is requested for U.S. Patent No. 7,293,217. Correction of the following errors is requested.

**IN THE SPECIFICATION**

At column 4, line 44, before the word "problematic", delete "avoids" and insert therefor --avoid--.

At column 6, line 9, before the words "in a", delete "deice" and insert therefor --  
12/13/2007 MBLANCO 00000007 090435 7293217  
device--.

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DEC 14 2007

**Patentee:** Pietraski et al.  
**Patent No.:** 7,293,217

At column 6, line 32, before the word "includes", delete "**610**" and insert therefor  
**--605--.**

At column 6, line 47, after the word "stage", delete "**630**" and insert therefor  
**--610--.**

At column 7, line 42, after the word "combined", delete "in to" and insert therefor  
**--into--.**

At column 8, line 7, after the word "number", insert --of--.

At column 8, line 8, before the word "is", delete "bits".

At column 8, line 17, before "(HARQ)", delete "request" and insert therefor  
**--reQuest--.**

At column 9, line 20, before the words "in TS", delete "for" and insert therefor --  
forth--.

At column 12, lines 10 & 11, after the word "point", delete "in to" and insert  
therefor --into--.

At column 12, line 37, before the words "used to", insert --be--.

At column 16, line 65, after the word "bit,", delete "xk." and insert therefor --x<sub>k</sub>--.

At column 16, line 67, after the word "encoder),", delete "zk" and insert therefor  
**--z<sub>k</sub>--.**

At column 17, line 2, after the word "encoder),", delete "z'k" and insert therefor --  
**z'<sub>k</sub>--.**

**Patentee:** Pietraski et al.  
**Patent No.:** 7,293,217

At column 17, line 26, before the word "where", delete " $\Delta N_{il}^{TTI} = N_{IR} - N^{TTI}$ " and insert therefor  $--\Delta N_{il}^{TTI} = N_{IR} - N^{TTI}--$ .

At column 18, line 36, after the word "puncturing", delete "maybe" and insert therefor --may be--.

At column 20, delete lines 1 & 2, and insert therefor

--Where  $X_{seg1}=42 \lfloor X_i/98 \rfloor$ ,  $X_{seg2}=56 \lfloor X_i/98 \rfloor$ ,  $X_{seg3}=X_i \bmod 98--$ .

At column 21, line 43, before the words "the analysis", delete "when" and insert therefor --When--.

#### **IN THE CLAIMS**

At claim 12, column 26, line 9, insert missing copy -- N using--.

DEC 14 2007

**Patentee:** Pietraski et al.  
**Patent No.:** 7,293,217

**REMARKS**

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

Since at least one of the errors was caused by Applicants, please charge the surcharge fee pursuant to C.F.R. §1.20(a) of \$100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Pietraski et al.

By \_\_\_\_\_

Robert D. Leonard  
Registration No. 57,204  
(215) 568-6400

Volpe and Koenig, P.C.  
United Plaza, Suite 1600  
30 South 17th Street  
Philadelphia, PA 19103

RDL/dcb

DEC 14 2007

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 3

PATENT NO. : 7,293,217

APPLICATION NO.: 10/725,779

ISSUE DATE : November 6, 2007

INVENTOR(S) : Pietraski et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**IN THE SPECIFICATION**

At column 4, line 44, before the word "problematic", delete "avoids" and insert therefor --avoid--.

At column 6, line 9, before the words "in a", delete "deice" and insert therefor --device--.

At column 6, line 32, before the word "includes", delete "610" and insert therefor --605--.

At column 6, line 47, after the word "stage", delete "630" and insert therefor --610--.

At column 7, line 42, after the word "combined", delete "in to" and insert therefor --into--.

At column 8, line 7, after the word "number", insert --of--.

At column 8, line 8, before the word "is", delete "bits".

At column 8, line 17, before "(HARQ)", delete "request" and insert therefor --reQuest--.

At column 9, line 20, before the words "in TS", delete "for" and insert therefor --forth--.

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**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 2 of 3

PATENT NO. : 7,293,217

APPLICATION NO.: 10/725,779

ISSUE DATE : November 6, 2007

INVENTOR(S) : Pietraski et al.

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At column 12, lines 10 & 11, after the word "point", delete "in to" and insert therefor --into--.

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 3 of 3

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INVENTOR(S) : Pietraski et al.

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--Where  $X_{seg1}=42 \lfloor X_i/98 \rfloor$ ,  $X_{seg2}=56 \lfloor X_i/98 \rfloor$ ,  $X_{seg3}=X_i \bmod 98$ --.

At column 21, line 43, before the words "the analysis", delete "when" and insert therefor

--When--.

### IN THE CLAIMS

At claim 12, column 26, line 9, insert missing copy --  $\hat{N}$  using--.

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